

mens were prepared to dimensions 5 x 5 x 25 cm (the contents of the cements tested are given in Table 1 on the Enclosures). Crushed granite and quartz sands were used as aggregates. Specimens were placed in a chamber for 3.5 hours at -50C with continuous air ventilation. The temperature was then raised to -10C for 3.5 hours, after which the specimens were placed in water at +20C for 17 hours. Temperature deformation of the concretes was measured by slowly step-increasing the temperature by 5-10C increments and holding at the incremented temperature for 3-4 hours. Thawed specimens were measured at +20C. Residual shortening results are shown in Fig. 1 on the Enclosures. Figures 2 and 3 on the Enclosures show, respectively, the deformations for the first freezing related to the degrees of temperature

Card 1/4

L 22902-65
ACCESSION NR: AP5001781

O
drop and the deformations relative to degrees of temperature drop at the twentieth freezing cycle. The authors concluded that higher alite content in portland cement improves frost stability of concrete. Using low negative temperatures in

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001033130008-2

other methods. Orig. art. had: 3 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 04

SUB CODE: MT

NO REF Sov: 005

OTHER: 000

Card 2/6

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001033130008-2"

L 09145-67 EWT(m) GD
ACC NR: AT6026748 (A)

SOURCE CODE: UR/0000/66/000/000/0204/0209

AUTHOR: Mazur, B. M. (Engineer)

ORG: NIS Hydroproject (NIS Gidroproyekt)

TITLE: Effect of the structure of concrete on its frost resistance at low negative temperatures

SOURCE: Moscow, Nauchno-issledovatel'skiy institut betona i zhelezobetona. Struktura, prochnost' i deformatsii betonov (Structure, strength and deformations of concretes) Moscow, Stroyizdat, 1966, 204-209

TOPIC TAGS: concrete, material deformation

ABSTRACT: The method of study consisted of determining temperature deformations in the process of freezing and thawing. This method makes it possible to evaluate not only the gradual freezing of water in the pores of the material during freezing, but also to follow the development of destructive processes in the concrete as the temperature is lowered. In addition, the frost resistance of concrete during repeated freezing and thawing was evaluated from the residual deformations and the dynamic modulus of elasticity. The samples of concrete were 5 x 5 x 25 cm in size. Type 600 portland cement was used as a binder, and granite chips and quartz sand as fillers. The starting properties of the concretes are shown in a table. Before the tests the

Card 1/2

L 09445-67

ACC NR: AT6026748

samples were sprayed with water for two days. Results are plotted graphically. It was found that at negative temperatures, the coefficient of linear expansion of concrete does not remain constant. As the temperature was lowered, there were observed deformation expansions which characterize the process of destruction of the concrete, and which lead to an accumulation of residual deformations during cyclic freezing and thawing. The frost resistance of concrete at low negative temperatures increases with a decrease in the water/coment ratio. Introduction into the concrete of gases and substances which draw in air has a favorable effect on the structure of the concrete and increases its frost resistance under the action of low temperatures. The presence of defects in the structure of the concrete in the form of micro- and macro-cracks is a significant factor in lowering of frost resistance. "The work was conducted under the guidance of Professor V. M. Moskvin." Orig. art. has: 3 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 23Oct65/ ORIG REF: 005

Cord 2/2 *[Signature]*

MAZUR, D., inzh.; BELOUSOVA, V., inzh.

Improve the control of the electric power stations of enterprises.
Muk.-elev. prom. 28 no.10:30 0 '62. (MIRA 16:1)

1. Bel'takiy zavod po obrabotke semyan kukuruzy.
(Moldavia--Grain elevators)
(Electric power supply to apparatus)

LATSINIK, Ye.Ya., prof.; SHARPOVA, O.K.; SUSHKO, S.R.; MAZUR, D.Ye.;
SOTNICHENKO, L.A.

Peculiarities in the clinical aspects of the pandemic influenza
of 1957. Vrach.delo no.3:287-289 Mr '60. (MIRA 13:6)

1. Gorodskaya infektsionnaya bol'nitsa, Odessa.
(ODESSA--INFLUENZA)

KULCZYCKA, Krystyna; LESIEWSKA, Jadwiga; MAZUR, Elzbieta (Gdansk)

Effect of hormonal therapy on the clinical picture of cerebrospinal
tuberculous meningitis in children. Gruzica 29 no.1:90-91 Ja '61.

(TUBERCULOSIS MENINGEAL ther)
(CORTICOTROPIN ther)
(CORTISONE ther)

BITTEL-DOBRZINSKA, Nadzieja; WALCZYSKI, Zbigniew; MAZUR, Elzbieta

Thrombocytopenia during the course of lambliasis. Wiadomosci parazyt.
8 no.4:463-467 '62.

1. I Klinika Chorob Dzieci AM, Gdansk.
(GLARDIASIS blood) (THROMBOPENIA etiol)

BOJOWA, Ewa; MAZUR, Elzbieta; NIWINSKA, Elzbieta; PRUS, Jadwiga

Generalized eosinophilic granuloma and spongy lungs in an 8-year-old boy. Pol. tyg. lek. 17 no.39:1513-1516 24 S '62.

1. Z Zakladu Anatomii Patologicznej AM w Gdansku; kierownik: prof. dr med. W. Czarnocki, z I Kliniki Chorob Dzieci AM w Gdansku; kierownik: prof. dr med. K. Erebinski i z Zakladu Radiologii AM w Gdansku; kierownik: prof. dr med. W. Grabowski.

(EOSINOPHILIC GRANULOMA) (LUNG DISEASES) (PNEUMOTHORAX)

MAZUR, Elzbieta

A case of acute Tofranil poisoning. Pediat. pol. 38 no.9:
845-847 S '63.

1. Z I Kliniki Chorob Dzieci AM w Gdansku Kierownik: prof. dr
med. K. Erecinski.
(IMIPRAMINE)

MAZUR, Elzbieta; PRUS, Jadwiga

Hyperkalemia as a cause of death in chronic renal insufficiency. Pediat. Pol. 38 no.12:1073-1077 D'63.

l. Z I Kliniki Chorob Dzieci AM w Gdansku; kierownik: prof. dr. med. K.Erecinski.

*

MAZUR, Elzbieta; MAZUR, Roman

Cranial transillumination in older and newborn infants born at term. Pediat. Pol. 39 no.4:417-420 Ap '64.

1. z Kliniki Neurologicznej Akademii Medycznej w Gdansku (Kierownik: prof. dr. med. Z. Majewska) i z I Kliniki Chorob Dzieci Akademii Medycznej w Gdansku (Kierownik: prof. dr. med. K. Ercinski).

CELINSKA, Waclawa; MAZUR, Elzbieta

Aquired autoimmune hemolytic anemia caused by Tarchocillin. In a
3-year-old girl. Pol. tyg. lek. 20 no.25:936-937 21 Je '65.

1. Z I Kliniki Chrobc Dzieci AM w Gdansku (Kierownik: prof.
dr. med. E. Erecinski).

MAZUR, E.

Mazur, E. Pattern of disintegration of the ridges of the Lesser ~~Attra~~¹ Mountains. p. 193. GEOGRAFICKY CASOPIS. Bratislava. Vol. 6. no. 3/4, 1954.

SO: Monthly List of East European Acquisitions, (EEAL), LC, Vol. 4, No. 11, Nov. 1955, Uncl.

MAZUR, E.

MAZUR, E. Report on geomorphological research in the northern part
of the Strazova Valley. p.226.

Vol. 7, no. 3/4. 1955, GEOGRAFICKY CASOPIS, BRATISLAVA, CZECHOSLOVAKIA

SO: Monthly List East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

MAZUR, E.; LUKNIS, M.

MAZUR, E.; LUKNIS, M. Geomorphology and the quaternary structure of the Tatras
in Slovakia. p. 95.

Vol. 6, no. 2/3, 1956

GEOGRAFICKY CASOPIS

GEOMORPHOLOGY & GEOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

MAZUR, E.

MAZUR, E. Some profiles of the quaternary formations of north-western Slovakia.
p. 177.

Vol. 8, no. 4, 1956
GEOGRAFICKY CASOPIS
GEOGRAPHY & GEOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

MAZUR, E.; MAZUROVA, V.

Map of the central angle of the slope of the Nitra River Basin. p 241

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav)
Bratislava, Czechoslovakia

Vol. 10, No. 4, 1958

Monthly list of East European Accessions (EEAI) LC. Col. 9, No. 1 January 1960
Uncl.

MAZUR, E.

The 4th Congress of the Geographical Society of the German Democratic Republic.
p. 292

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav) Bratislava,
Czechoslovakia

Vol. 10, no. 4, 1958

Monthly list of East European Accessions (EEAI) LC. Col. 9, No. 1 January 1960
Uncl.

MAZUR, E

"Report on a study trip to Eastern Germany."

GEOGRAFICKY CASOPIS, Bratislava, Czechoslovakia, Vol. 11, no. 2, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclassified

MAZUR, E.; LUKNIS, M.

Geomorphologic zones of the Schutt Islands. p. 161

GEOGRAFICKY CASOPIS. (Slovenska akademie vied. Zemepisny ustav) Bratislava,
Czechoslovakia, Vol. 11, no. 3, 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

MAZUR, Emil

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Bratislava, Geograficky Casopis, Vol XIII, No 2, 1961, pp 141-147.

Data: "Nineteenth International Geographical Congress, Stockholm, 1960 - Norden."

GPO 981643

MAZUR, Emil

On the problem of geomorphological mapping in general and with
special regard to the Czechoslovak territory. Geogr cas SAV
15 no.2:102-114 '63.

MAZUR, Emil; KALAS, Leonard

Development of the middle Vah River Valley in the young
Pleistocene period. Geogr cas SAV 15 no.2:115-131 '63.

MAZUR, Emil

Conference of the Hungarian Geographical Society, September
12-14, 1962. Geogr cas SAV 15 no.2:151-152 '63.

MAZUR, Emil

Principles of the design and draft of the legend of the
1:200,000 geomorphological map of the Czechoslovak Car-
pathians. Georg cas SAV 15 no.4:264-274 '63.

MAZUR, Emil (Czechoslovakia)

Basic characteristics of the surface of the Carpathian
Mountains in Czechoslovakia and their development. Foldr
kozl 12 no.2:129-136 '64.

MAZUR, Emil, doc. dr. CSc.

Intermountain basins, a characteristic element in the
relief of Slovakia. Geogr cas SAV 16 no.2:105-126 '64.

MAZUR, Emil, doc. dr. CSc.; MAZUROVA, Valeria

Map of the relative relief of Slovakia and possibility of its
use in geographic zoning. Geogr cas SAV 17 no.1:3-18 '65.

MAZUR, E.; KALAS, L.

Methods of Quaternary surveys on the example of the central
Vah River Valley survey, and their present results. Geol
prace 64:35-40 '63.

MAZUR, Emil, doc. dr.

Principles of geomorphological zoning of the West Carpathian
Mountains. Gogr cas SAV 16 no.3:281-288 '64

1. Institute of Geography, Slovak Academy of Sciences, Bratislava.

MAZUR, Emil; CINCURA, Juraj

Contribution to some Quaternary forms and formations of the
southern part of the Turiec Basin. Geogr cas SAV 16 no.1:
32-39 '64

MAZUR, F.A., kand. ekonom. nauk; PETRENKO, D.S., kand. tekhn. nauk

Economical advantages of the utilization of the chemical resources
in the Krivoy Rog Metallurgical Plant. Khim. prom. [Ukr.] no.3:
68-70 Jl-S '64. (MIRA 17:12)

1. MAZUR. F.F., ENG.
2. USSR (600)
4. Wood-Decaying Fungi
7. Causes for decay of wooden constructions. Biul.stroi.tekh. 9 no.19, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

MAZUR, F.F.; ABUTKINA, E.A., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Biological testing of wood treated with antiseptics using radioactive isotopes] Biologicheskie ispytaniia antiseptirovannoi drevesiny s primeneniem radioaktivnykh izotopov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materiale, 1959. 56 p.

(MIRA 13:1)

(Radioisotopes--Industrial applications)
(Wood--Preservation)

MAZUR, F.F.

Studying the impregnation process of green wood with oily
antiseptics in hot-and-cold bathes. Nauch.socb.TSNIISK no.17:
105-126 '61. (MIRA 15:2)
(Wood—Preservation) (Antiseptics)

IVANOV, Yu.M., doktor tekhn. nauk; MAZUR, F.F., nauchn. sotr.;
POL'SHIN, D.Ye., kand. tekhn. nauk; FEDOROV, A.N.,
nauchn. sotr.; SEREBRENNIKOV, L.S., nauchn. sotr.;
SMORODINOV, M.I., kand. tekhn. nauk; DROZD, T.A., red.
izd-va; MOCHALINA, Z.S., tekhn. red.

[Instructions on work involving the handling of radioactive substances in research establishments of the State Committee on Construction of the Council of Ministers of the U.S.S.R.] Instruktsiia po rabote s radioaktivnymi veshchestvami v nauchno-issledovatel'skikh uchrezhdeniakh Gosstroia SSSR. Moskva, Gosstroizdat, 1963. 105 p.
(MIRA 17:2)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy. 2. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy, Moscow (for Mazur). 3. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh sooruzhenii (for Fedorov, Smorodinov). 4. Nauchno-issledovatel'skiy institut stroitel'noy fiziki i ogranichayushchikh konstruktsiy (for Serebrennikov).

MAZUR, F.P. (Vinnitsa)

Injury of the joints in farm work. Ortop., trav.i protez. 20
no.10:61-63 0 '59. (MIRA 13:2)
(JOINTS wounds and injuries)
(ACCIDENTS, statistics)
(AGRICULTURE)

MAZUR, G.

COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Fermentation Industry
ABS. JOUR. : RZhKhim., No 19.1959, No. 69482
AUTHOR : Janicki, J.; Sobkowska, E. Antkowiak, J.; Mazur, G.; *
TITLE : Accelerated Aging of Alcohols by Ultraviolet Radiation. I. Study of the Effect of Ultraviolet Radiation on Wines. Review of Literature. II. Study of the Effect of Ultraviolet Radiation on Apple and Rhubarb Wines during the Acceleration of Aging. The best results were obtained from apple and rhubarb wines.
ORIG. PUB. : Roczn. Wyższ. szkoly roln. Poznań, 1959, 1, 185-196; 197-206; 207-224
ABSTRACT : I. Review of present day literature.
II. The ultra-violet radiation of distilled alcohols derived from apple and rhubarb wines can accelerate aging. The best results were obtained from apple and rhubarb wines.
**Accelerated Aging of Cognacs by Ultraviolet Irradiation. III. Employment of Certain Physical and Physico-Chemical Methods in the Accelerated Aging of Alcohol.
Card: Pawłowski, J. - Part I. Janicki, J.; Sobkowska, E.; Antkowiak, J.; - Part II. Janicki, J.; Sobkowska, E.; Mazur, G.; Pawłowski, J. - Part III.

1/3

COUNTRY :
CATEGORY :
ABS. JOUR. : RZhKhim., No 19, 1959, No. 39482
AUTHOR :
INSTITUTE :
TITLE :
ORIG. PUB. :

ABSTRACT : obtained with the simultaneous aeration. The reduction of distance from the irradiation source (from 21 cm to 10.5 cm) was beneficial. Chemical composition of wines was affected by the irradiation in that its density increased together with the content of esters, aldehydes, general acidity and higher alcohols. The ultraviolet irradiation did not cause any changes in the mixed coagac distillates.
III. The employment of supersonic vibrations had positive effect on aging of raw alcohol. Good results were obtained when high frequency waves

Card: 2/3

H = 120

CCU:LMF :
CATEGORY : B

ABS. JOUR. : RZhKhim., No 19, 1959, No. 69-82

AUTHOR :
TITLE :
TYPE :
SUBJ. :

CPIG. PUB. :

ABSTRACT : (at $f = 500$ kc/sec) were used for irradiation.
The frequency of the alternating voltage was $f = 50$ Hz. The
irradiation time was varied with the dose rate. A
sample, $k = 10$ sec, at different level of irradiation, the
decrease in hydroxyl content with increase in
the ester content was observed.

Card: 3/3

L 20281-63 EPF(n)-2/EWP(q)/ENT(m)/BDS/T-2/ES(s)-2/ES(w)-2 AEDC/
AFTTC/ASD/ESD-3/AFGC/SSD Pg-4/Pab-4/Pt-4/Pu-4 JD/NH
ACCESSION NR: AP3007380 P/0015/63/000/007/0188/0189

AUTHOR: Karwowska-Nowakowska, Janina; Mazur, Grazyna X B

TITLE: Synthesis of glass ceramics of increased hardness by the
use of noble metals as nucleating agents in heterogeneous crystallization

SOURCE: Szklo i ceramika, no. 7, 1963, 188-189

TOPIC TAGS: glass ceramics, pyroceram, aluminosilicate glass,
lithium oxide, potassium oxides, sodium oxide, glass, softening
point, hardness, microhardness, heat treatment, nucleation, cry-
stallization, noble metals, platinum, silver, nucleating agent,
agate substitute, steel substitute, gem substitute, production
cost

ABSTRACT: The present work is a continuation of research on the
development of glass ceramics with a higher softening point and
hardness. A two-step heat treatment of the $\text{Li}_2\text{O}-\text{SiO}_2-\text{Na}_2\text{O}-\text{K}_2\text{O}-\text{Al}_2\text{O}_3$ system, with noble metals (Ag, Pt) [amounts not specified] as

27 27 71

Cord 1/3

L 20281-63

ACCESSION NR: AP3007380

nucleating agents, is considered. The samples were first heated for 2 hr to the nucleation temperature and then held there for 0.5—60 hr. In the second step the temperature was increased to the crystallization temperature in 1 hr and maintained at this level for 0.5—10 hr. The samples were then cooled for about 12 hr. Dilatometric and microscopic studies of the sample showed a uniform, fine-grained structure and softening point about 400°C higher than that of the noncrystalline glass. Thermal treatment resulted in maximum hardness (1113.5 kg/mm² as against 700 kg/mm² for the noncrystalline glass) for samples heated for 12 hr at the nucleation temperature and for 2 hr at the crystallization temperature. The noble metals studied were similar in behavior as nucleating agents, probably owing to the fact that they were present in colloidal form at temperatures below the softening point. Glass ceramics obtained by this process can be used as substitutes for agate, certain precious stones, and high-grade steels. The production cost is on the order of that for ruby glass. Orig. art. has: 3 figures.

Cord 2/3

L 20281-63

ACCESSION NR: AP3007380

ASSOCIATION: Instytut Przemyslu Szkla i Ceramiki (Institute of
the Glass and Ceramics Industry)

SUBMITTED: 00 DATE ACQ: 30Sep63 ENCL: 00

SUB CODE: CH, MA NO REF Sov: 000 OTHER: 000

Card 3/3

MAZUR, Grażyna; KROSNIAKOWA, Franciszka

Cytological picture of bronchial smears in pulmonary tuberculosis
in children and adolescents. Cruzlica 33 no.8:721-725 Ag '65.

1. Z Sanatorium Przeciwgruzliczego dla Dzieci i Młodzieży w Isterb -
nej (Dyrektor : lek. med. G. Mazur).

ARTAMONOV, K.F.; TESLENKO, V.G.; MAZUR, G.M.

Construction methods and percolation coefficients of dams
made of nonhomogenous materials. Izv. AN Kir. SSR. Ser. est.
1 tekhn. nauk 4 no. 5:107-115 '62. (MIRA 16:4)

(Dams)

MAZUR, Grażyna

Treatment of mycoses of internal diseases. Polski tygod. lek. 13 no.12:
404-410 14 Mar 56.

1. Ze Szpitala Pgr. w Cieszynie Dyrektor: M. Krasowska ordynator: G. Mazur.
(FUNGUS DISEASES, ther.
of internal mycoses (Pol))

MAZUR, Grażyna

Treatment of mycoses of internal diseases. Polski tygod.lek. 13
no.11:404-410 17 Mar '58

1. Ze Szpitala Pgr. w Cieszynie. Dyrektor: M. Krasowska, ordynator:
G.Mazur.
(FUNGUS DISEASES, ther.
of internal mycoses (Pol))

MAZUR, Grazyna (Cieszyn, ul. Polna 13.)

Toxicity of tubercle bacilli. Polskie tygod. lek. 14 no.21:979-
984 25 May 59.

1. (Ze Szpitala Przeciwgruzliczego w Cieszynie; dyrektor dr med.
M. Krasowska).

(MYOBACTERIUM TUBERCULOSIS
pathogenicity (Pol))

MAZUR, Grazyna; TORHEUS, Wieslawa; ZAKOWSKA, Barbara; DADLEZ, Zygmunt

Cytochemical reactions and clinical results in cases of the
resistance of tubercle bacilli to isonicotinic acid hydrazide.
Polski tygod. lek. 14 no.24:1092-1096 15 June 59.

1. (Ze Szpitala Przeciwgruzliczego w Cieszynie: dyr. dr Maria
Krasowska i Państwowego Sanatorium dla Dzieci i Młodzieży w Iastebnej;
dyrektor: dr Zygmunt Dadlez).
(ISONIAZID, therapy)

MAZUR, Grazyna

Early diagnosis of bronchial cancer with special reference to the
role of cytological studies. Polski tygod.lek. 15 no.26:1004-1008
27 Je '60.

1. Za Szpitala Przeciwgruzliczego w Ciezzynie; dyrektor: dr Maria
Krasowska
(BRONCHI neopl)

KRASOWSKA, Maria; CHOMSKA, Emilia; MAZUR, Grasyna

The most frequent causes of incurable chronic pulmonary tuberculosis responsible for permanent incapacitation according to data on patients in the Anti-Tuberculosis Hospital in Cieszyn obtained during 1952-1959. Graslica 28 no.12:979-988 D '60.

1. Ze Szpitala Przeciwgrazliczego w Cieszynie, Dyrektor: dr
M. Krasowska.
(TUBERCULOSIS PULMONARY etiol)

KRASOWSKA, Maria; MAZUR, Grazyna; TORBUS, Wieslawa

Microbiological method in the determination of isonicotinic acid hydrazide (INH) level in the blood and its role in patients with pulmonary tuberculosis. Polski tygod. lek. 16 no.12:435-440 20 Mr '61.

1. Szpital Przeciwgruzliczy w Cieszynie; dyrektor: dr M. Krasowska.

(ISONIAZID blood)

MAZUR, Grazyna; TORBUS, Wieslawa

Catalase in the blood in patients with pulmonary tuberculosis. Polski
tygod. lek. 16 no.13:467-470 27 Mr '61.

1. Ze Szpitala Przeciwgruzliczego w Cieszynie; dyrektor: dr M. Krasowska.

(CATALASE blood) (TUBERCULOSIS PULMONARY blood)

CHOMSKA, Emilia; MAZUR, Grazyna

Contribution to the diagnosis of pulmonary round shadows. Gruzliea 29
no.5:485-487 My '61.

1. Ze Szpitala Przeciwegrzilisiego w Cieszynie Dyrektor: dr med.
M. Krasowska,

(TUBERCULOSIS PULMONARY radiog)

MAZUR, Grazyna; TORBUS, Wieslawa

Cytological studies on sputum and bronchial secretions in pulmonary
and bronchial diseases. Cruzlica 29 no.9:761-776 S '61.

1. Ze Szpitala Przeciwgruzliczego w Cleszynie Dyrektor: dr Maria
Krasowska.

(SPUTUM) (LUNG DISEASES diag)
(LUNG NEOPLASMS diag) (BRONCHI dis)

HALINA MAZUR HALINA

POL.

Determination of small quantities of cadmium. Leopolda Szurowska and Halina Mazur. Roczniki Państwowego Zakładu Hig. 5, 1915 (1937). A method for detd. Cd with diantipyrimethane is described. This reagent forms complex Cd salts in aq. solns. in the presence of Br. The complex salts are insol. and can be detd. gravimetrically to within about 0.5 mg. Org. food substances do not interfere with the basic reaction. All substances were calcined prior to assaying for Cd. This method is especially useful in case of canned goods, where Cd is used as anticorrosive agent for plating the containers.

A. J. P. I

M
81

MAZUR, ~~Piotr~~ Halina

Poland/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6722

Author: Siedlecka, Jadwiga; Sluzewska, Leonia; Kalinowska, Regina;
Gilewska, Czeslawa; Mazur, Halina; Piekacz, Hanna

Institution: State Foundation of Hygiene

Title: Content of Lead, Tin, Copper and Zinc in Canned Meat and Fish Products

Original Publication: Roczn. Panstw. zakl. hig., 1955, 6, No 4, 277-288

Abstract: To determine lead, tin, copper and zinc in canned meat and fish products, two samples are prepared: in one, mineralized by the wet method with HNO_3 and H_2SO_4 followed by dissolution of the precipitate in a hot mixture of HCl and H_2SO_4 , are determined lead, tin and copper, while in the other sample, subjected to dry combustion, a determination is made of the zinc. Lead and zinc are determined by the diphenyl thiocarbazone method, tin is determined iodometrically and copper by the carbamate method.

Card 1/1

2

Determination of lead passing from kitchen utensils into food prepared in them. Leopold Slezewski and Halina Mazur. Roczniki Państwowego Zakładu Dz. No. 7, 405-12 (1958) (English summary).—The following utensils were used for the test: vegetable and fruit grater contg. about 60% Pb, clay pots, cake molds covered with an alloy contg. Pb and Sn (40:60), and cans soldered with two kinds of alloys (60% and 35% Pb). Only the grater contaminated the foods with an amt. of Pb in excess of the allowed limit.

Mazur

Alina S. Szczesniak

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033130008-2

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001033130008-2"

MAZUR, Halina

Determination of ϵ -caprolactam in Polish-made polyamide. Roczn
panstw zakl hig 14 no.6.509-516 '63.

1. Laboratory for testing Food and Articles of Common Consumption,
State Institute of Hygiene, Warsaw.

MAZUR, Halina

Determination of organic contaminants in food-dyes. Laboratory note. Roczn. panstw. zakl. hig. 14 no.4:389-395 '65.

1. Z Zakladu Badania Zynosci i Przedmiotow Uzytku Panstwowego Zakladu Higieny w Warszawie (Kierownik: prof. dr. M. Nikonorow).

MAZVR, I.

KAMIENSKI, B.; KULAWIK, I.; MAZHU, I.

Alumina gel as an adsorption layer in potentiometric chromatography.
Bul Ac Pol chim 6 no.2:97-99 '58. (ERAI 9:6)

1. Laboratory of Physical Chemistry of Surface Phenomena, Institute
of Physical Chemistry, Polish Academy of Sciences. Presented by
B.Kamienski.

(Alumina) (Colloids) (Adsorption)
(Potentiometer) (Chromatography)

KAMIENSKI, B.; KULAWIK, I.; MAZUR, I.

Influence of the thickness of alumina gel adsorption layers on
the potential of antimony microelectrodes. Bul.Ac. Pol chim
6 no.2:101-104 '58. (EEAI 9:6)

1. Presented by B.Kamienski.
(Alumina) (Colloids) (Antimony) (Adsorption)
(Electrodes)

GORLICKI, Zofia; MAJER, Irena

Studies on cation adsorption on sulfide filled columns. Pt.2.
Prace chem Krakow no.9:201-206 '64.

I. Department of Physical Chemistry and Electrochemistry of
Jagiellonian University, Krakow. Submitted January 1, 1963.

MAZUR, Irena

Electrocapillary properties of aqueous solutions of some dimethylphenols. Prace chem Krakow no.9:207-213 '64.

Electrocapillary properties of aqueous solutions of halogen derivatives of some dimethylphenols. Ibid.:215-223

1. Department of Physical Chemistry and Electrochemistry of Jagiellonian University, Krakow. Submitted December 22, 1962.

MAZUR, I.S.

Welding in a carbon dioxide atmosphere. Stroi. truboprov. 7 no. 6:17
Je '62. (MIRA 15:7)

1. Proizvoditel' rabot stroitel'nogo uchastka No.14 tresta
Ukrzaznayestroy, Staryy, L'vovskoy oblasti.
(Pipe-Welding)

Fuel Abstracts
MAZUR, I.V.

Steam Raising & Boilers
Engineer M 11/1952

4671. MECHANIZED FURNACES WITH SCRAPER BAR (MEKHANICHESKIE TOPKIS SHURUYUSHCHEI PLANKOI.) Mazur, I.-V. (Moscow: Gospenergoizdat, 1952, 64 pp.; abstr. in Za Econ. Topliva (Fuel Econ.), July 1952, 40). Design and test data are given.

KARAVANOV, G. G., prof.; MAZUR, I. V.

Intra-arterial infusion of a special combined solution in the compound treatment of endarteritis. Khirurgia no. 2:35-40 '62.
(MIRA 15:2)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. G. G. Karavanov) lechebnogo fakul'teta L'vovskogo meditsinskogo instituta.

(ARTERIES—DISEASES)

POLAND/Chemical Technology. Chemical Products and Their
Application. Ceramics. Glass. Binding Materials.
Concrete.

H

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35613.

Author : Mazur, J. and Milcwick, J.

Inst :

Title : Notes on the Ceramic Clays in the Boleslav District.

Orig Pub: Przeglad Geol, 6, No 8-9, 360-364 (1958) (in Polish)

Abstract: No abstract.

Card : 1/1

Z/030/60/000/006/004/018
A121/A026

AUTHOR: Mazur, J., Engineer

TITLE: Precision Measurement of Spur Gearings With Straight-Fluted
and Involute Gears

PERIODICAL: Jemná Mechanika a Optika, 1960, No. 6, pp. 177-180.

TEXT: The author deals with the measurement of spur gears. He developed equations for calculating the various possible errors in spur gearings. His calculations are based on errors occurring in the production of spur gears and on the limiting values according to CSN Standard 014682. A series of equations are given for calculating: deviation of basic pitch angle, deviation of teeth surfaces, effect of radially untrue running of toothing, deviation of tooth thickness. There are appropriate equations for gears running in clockwise and counter-clockwise direction. There are 7 figures ✓ and 1 Soviet reference.

ASSOCIATION: ÚVOJM, Bratislava.

SUBMITTED: January 27, 1960
Card 1/1

MAZUR, J., inz.

Aspherical surfaces, Pt.1. Jemna mech opt 8 no.9:273-274
S'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

MAZUR, J., inz.

Problems of manufacturing precise aspherical surfaces and
their use in optical systems. Jemna mech opt 8 no.11:
349-352 N'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

KALAB, V., promovany matematik; MAZUR, J., inz.

Aspherical surfaces, Pt.3. Jemna mech opt 8 no.11:380 F'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

MAZUR, Jan

Senton and Tertiary between Osiecznica and Parowa (Lower Silesia).
Kwartalnik geol 6 no.4:777-778 '62.

1. Instytut Geologii Inżynierskiej, Instytut Geologiczny,
Warszawa.

MAZUR, Jan

Geologic structure of the area between Tomislav and Parowa
in Lower Silesia. Kwartalnik geol 9 no.1:157-172 '65.

1. Lower Silesian Field Station of the Institute of Geology,
Wroclaw. Submitted September 17, 1963.

MAZUR, Jan

Diagnostic value of straightening of the cervical spine in
fractures of the base of the skull. Chir. narzad. ruchu ortop.
Pol. 28 no.78785 '63

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Wojewodskiego w
Opolu (Ordynator: dr. W. Arct).

ARCT, Witold; MAZUR, Jan

Plano-cellular carcinoma of the apex of the leg stump. Chir.
narzad. ruchu ortop. Pol. 29 no.6:759-761 '64

1. Z Oddzialu Chirurgii Ortopedycznej Szpitala Wojewodzkiego
w Opolu (ordynator: dr. med. W. Arct).

MAZUR, Janina

~~Plasmocytoma of the conjunctiva. Klin. oczna 26 no.4:275-378
1956.~~

1. Z Kliniki Chorob Oczu A.M. w Krakowie Kierownik: prof. dr.
M. Wilczek, Krakow, Kopernika 38.

(CONJUNCTIVA, neoplasms

myeloma, plasma cell (Pol))

(MYELOMA, PLASMA CELL, case reports
conjunctiva (Pol))

KUNICKI-GOLDFINGER, W.; BROZANSKI, W.; BLASZCZAK, D.; MAZUR, J.; SKIBINSKA, J.

Bacteria as food for soil amoebae. Acta Microb. polon. 6 no.4:331-344
1957.

1. Z Zakladu Mikrobiologii Uniwersytetu Wroclawskiego we Wroclawiu i
Zakladu Mikrobiologii Ogolnej Uniwersytetu Marii-Curie-Sklodowskiej
w Lublinie Wplyniete dnia 20 wrzesnia 1957 r

(AMOEBA, metabolism
soil bact. as food source, growth & develop (Pol))
(SOIL, microbiology
bact. as food source for amoeba, growth & develop. (Pol))

MAZUR, JANINA

MAZUR, Janina

Intrabulbar foreign bodies. Klin. oczna 27 no.3:293-298 1957.

1. z Kliniki Chrob Oczu A. M. w Krakowie. Kierownik: prof. M. Wilczek.
(EYE, foreign bodies
clin. statist. (Pol))

JUZNA, Jozefa; MAZUR, Janina

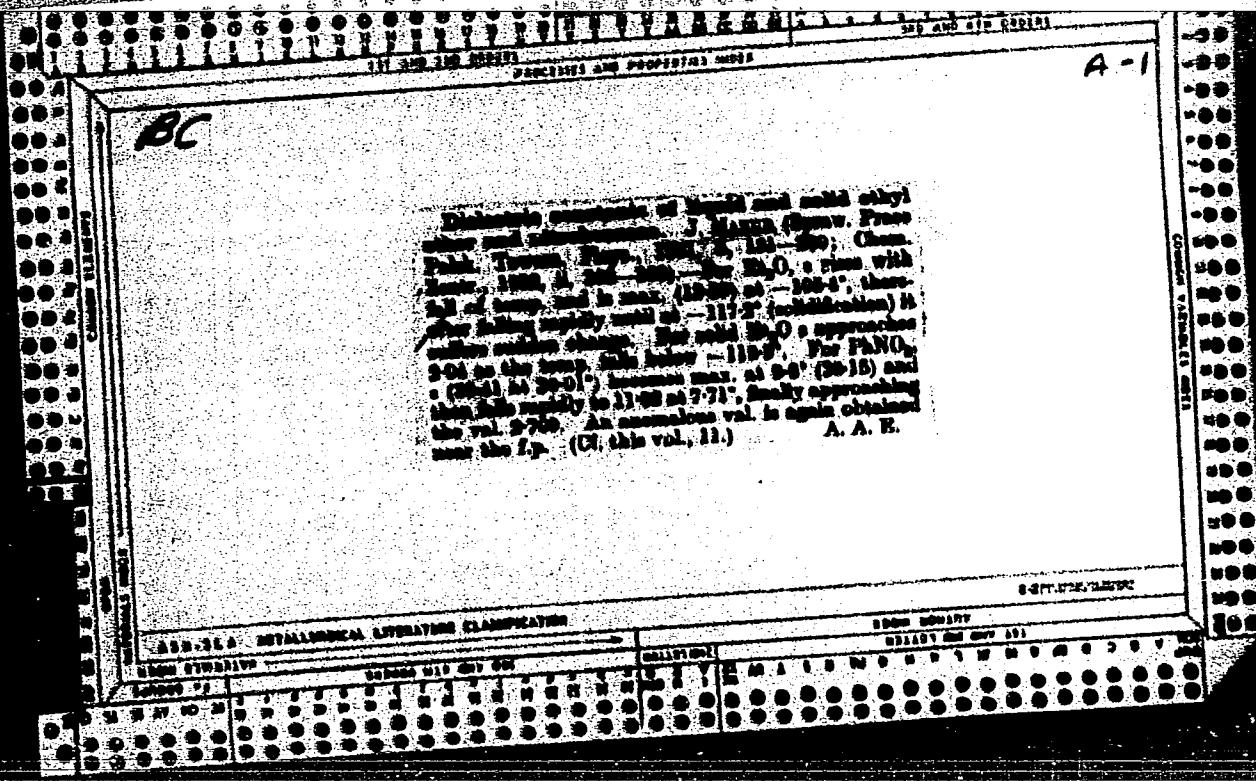
Mechanism and consequences of industrial eye injuries. Klin.oczna
28 no.2:169-178 1958.

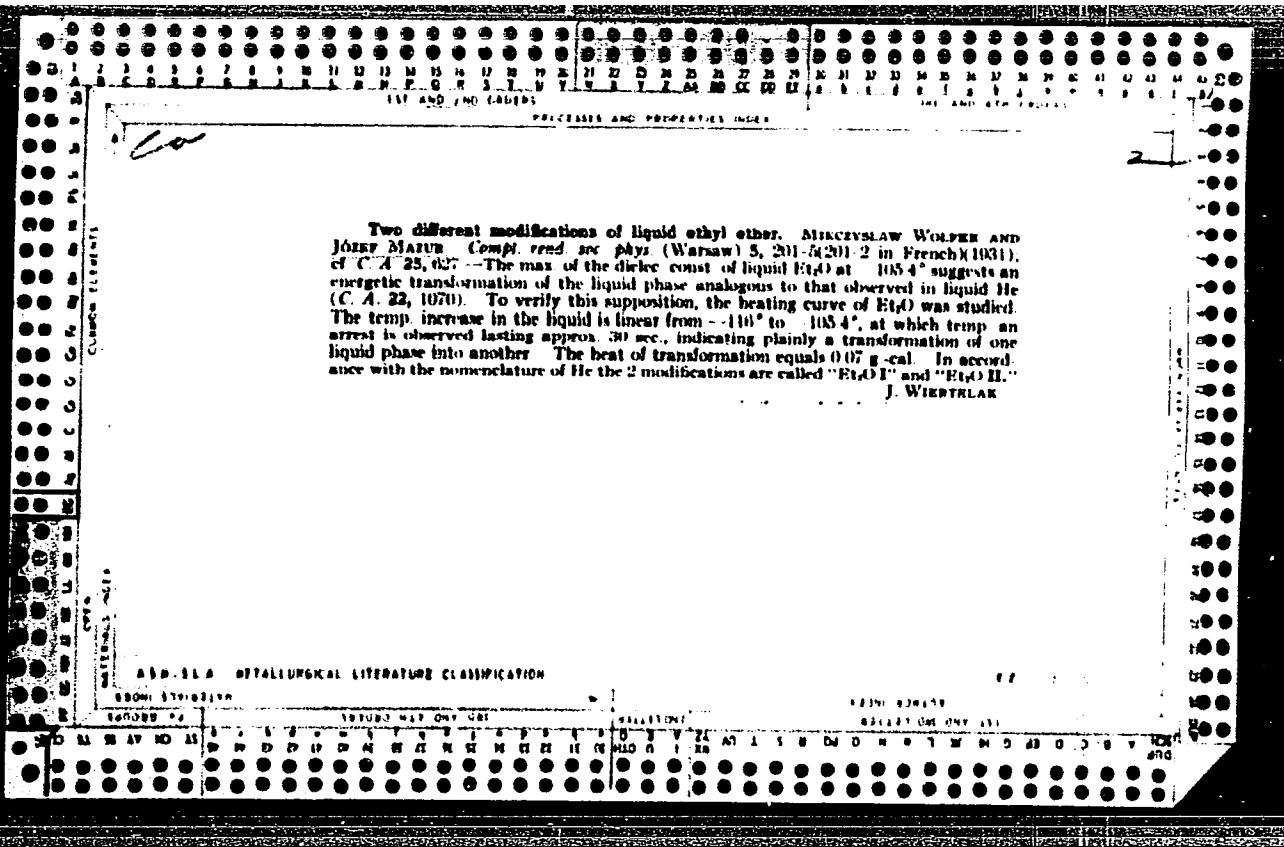
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M. Wilczeck. Adres: Krakow, ul Swietokrzyska 6 m.6).
(EYE, wounds and injuries
occup. inj., statist. (Pol))
(ACCIDENTS, INDUSTRIAL,
eye inj., mechanism & statist. (Pol))

ARCT, Witold; MAZUR, Jan

A case of atypical fracture of the radial epiphysis complicated by damage of the median nerve. Chir. narzad. ruchu ortop. Pol. 30 no.3:283-285 '65.

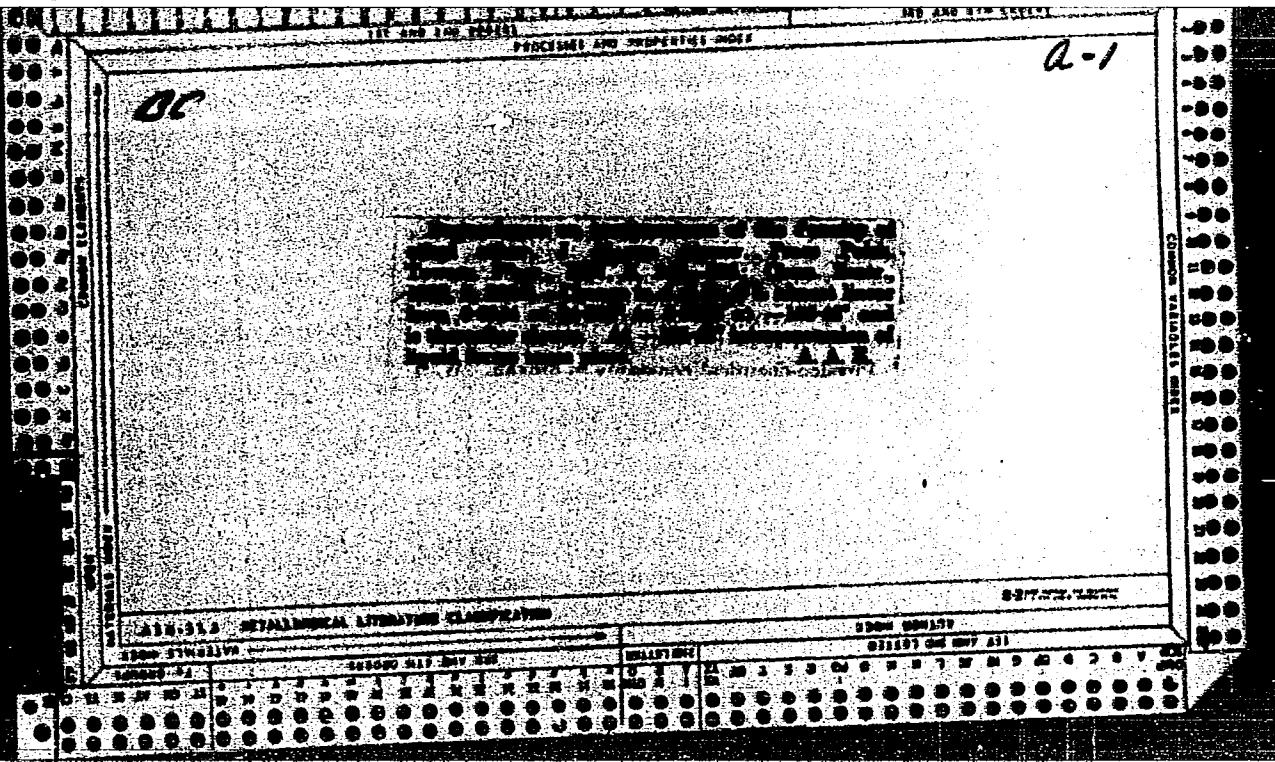
1. Z Oddzialu Chirurgii Ortopedycznej Szpitala Wojewódzkiego w K. Miarki w Opolu (Ordynator: dr. med. W. Arct).





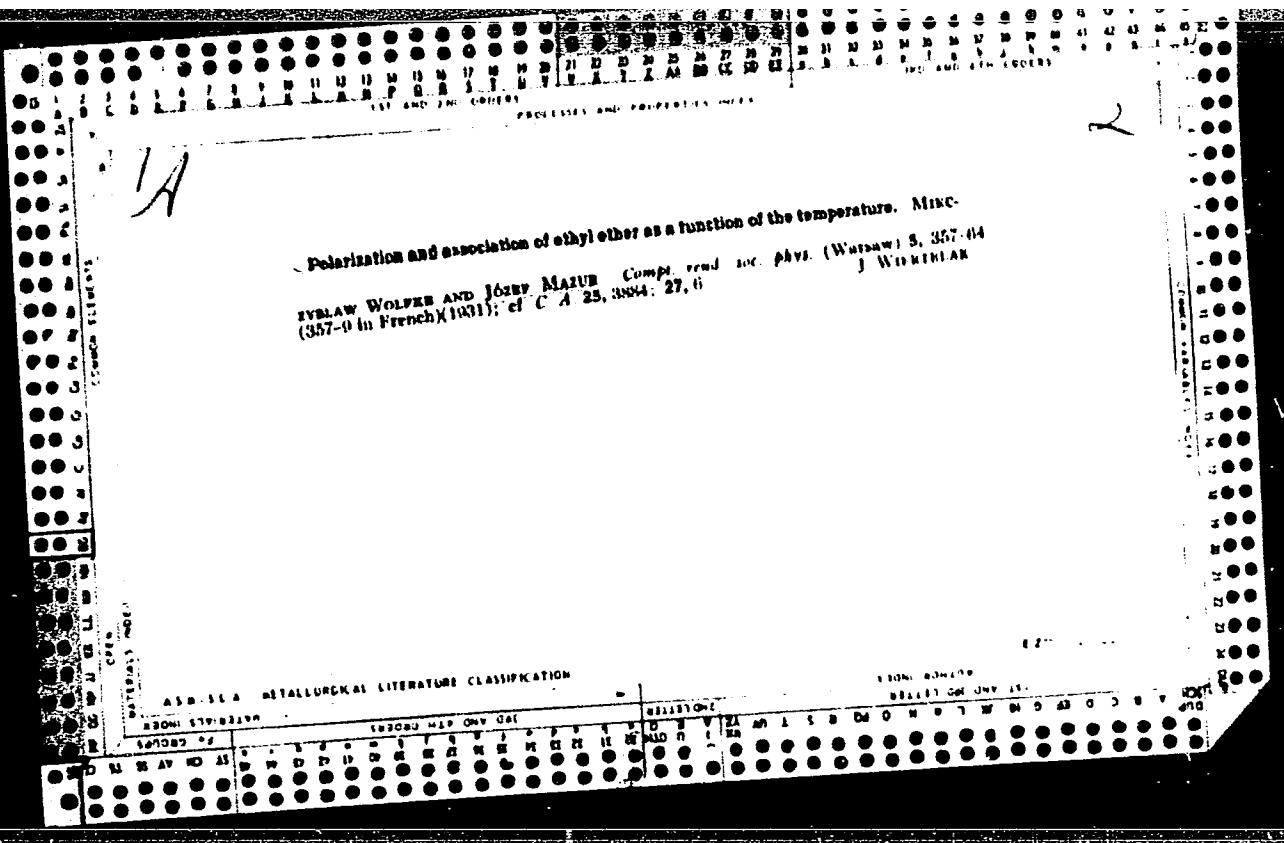
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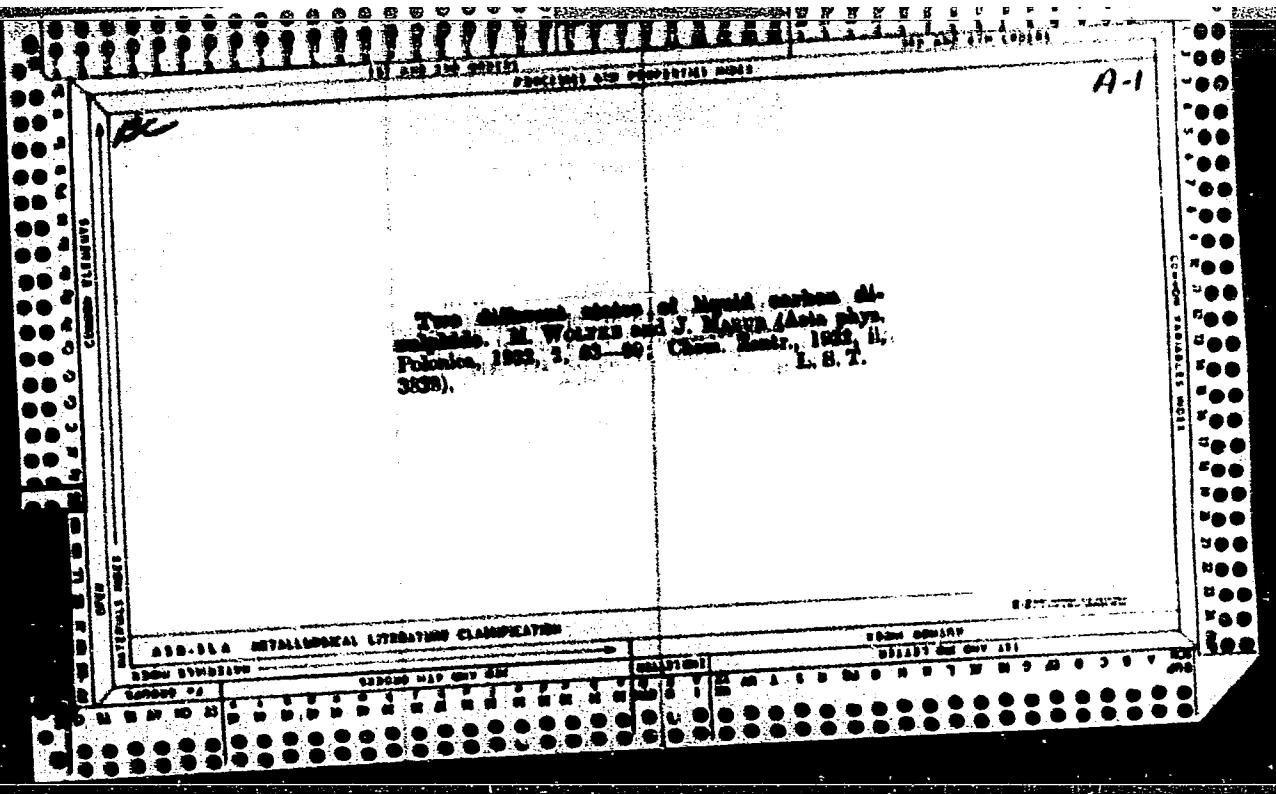
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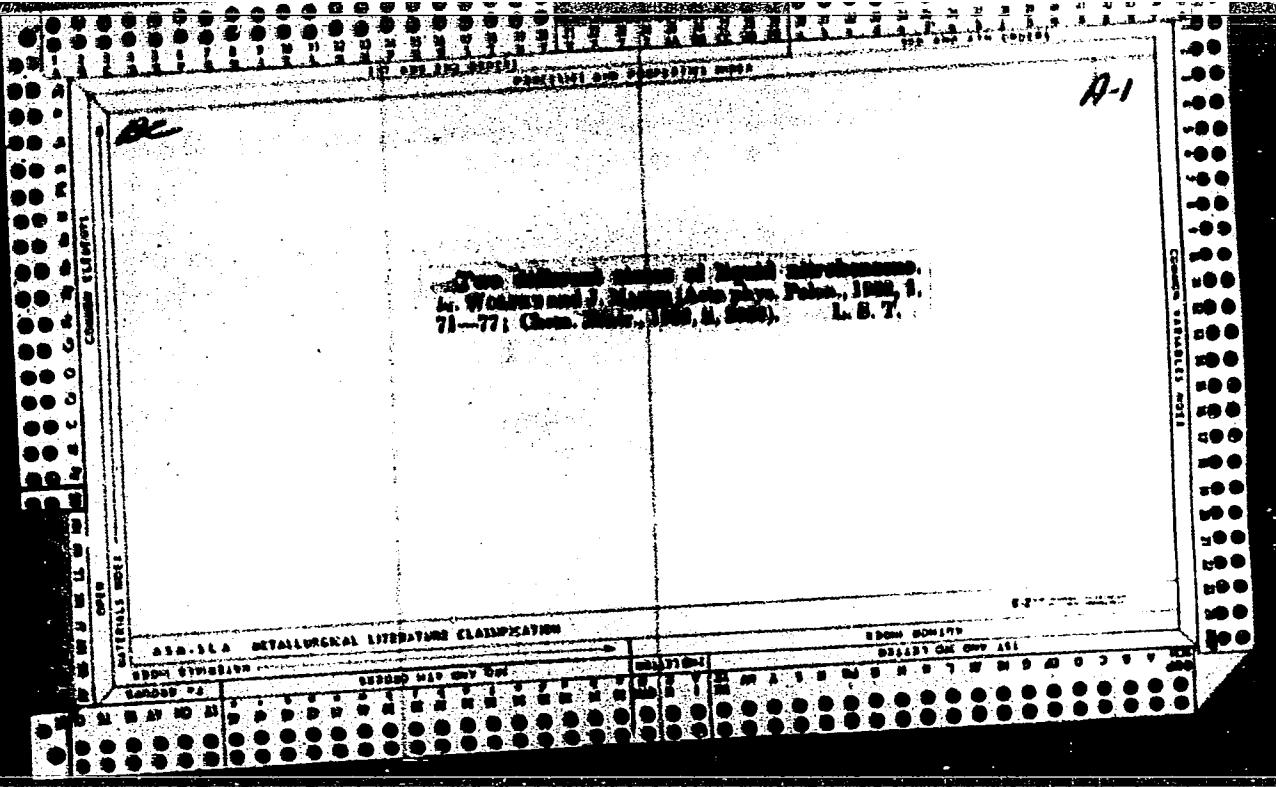
CIA-RDP86-00513R001033130008-2"





"APPROVED FOR RELEASE: 06/14/2000

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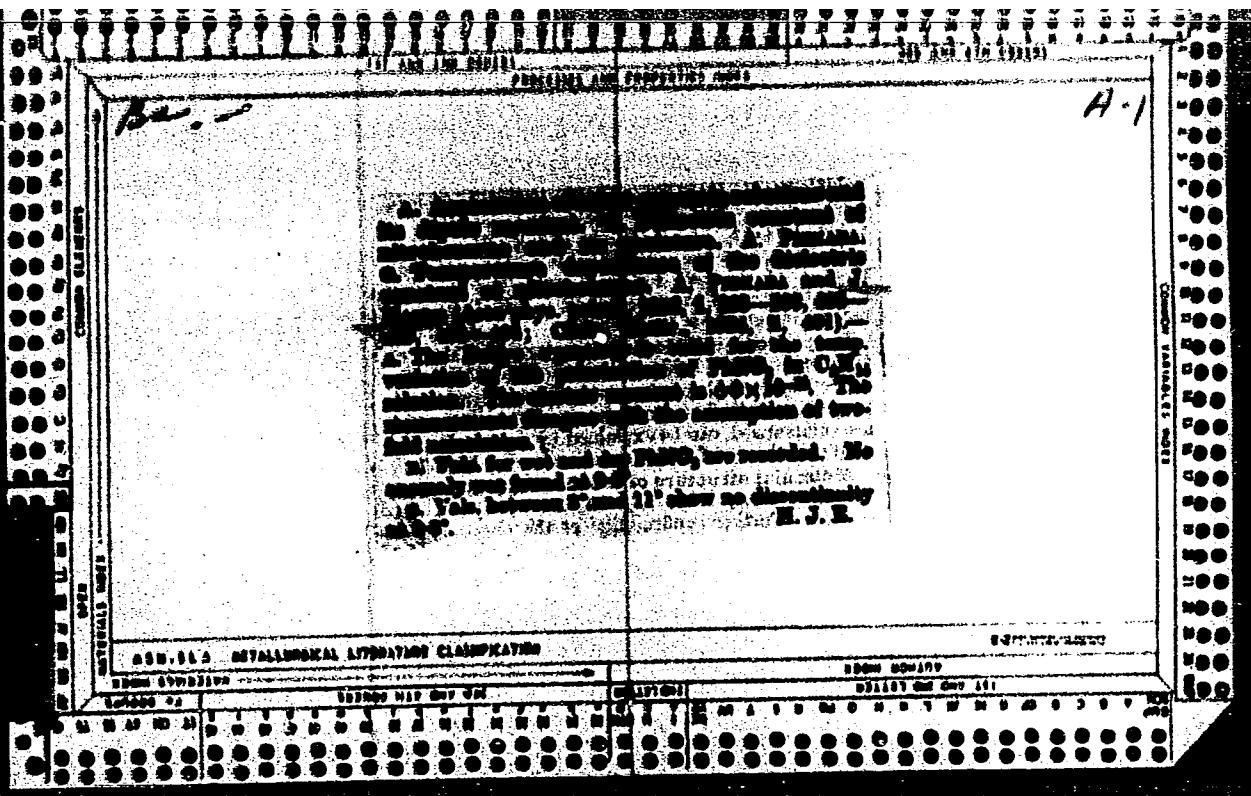


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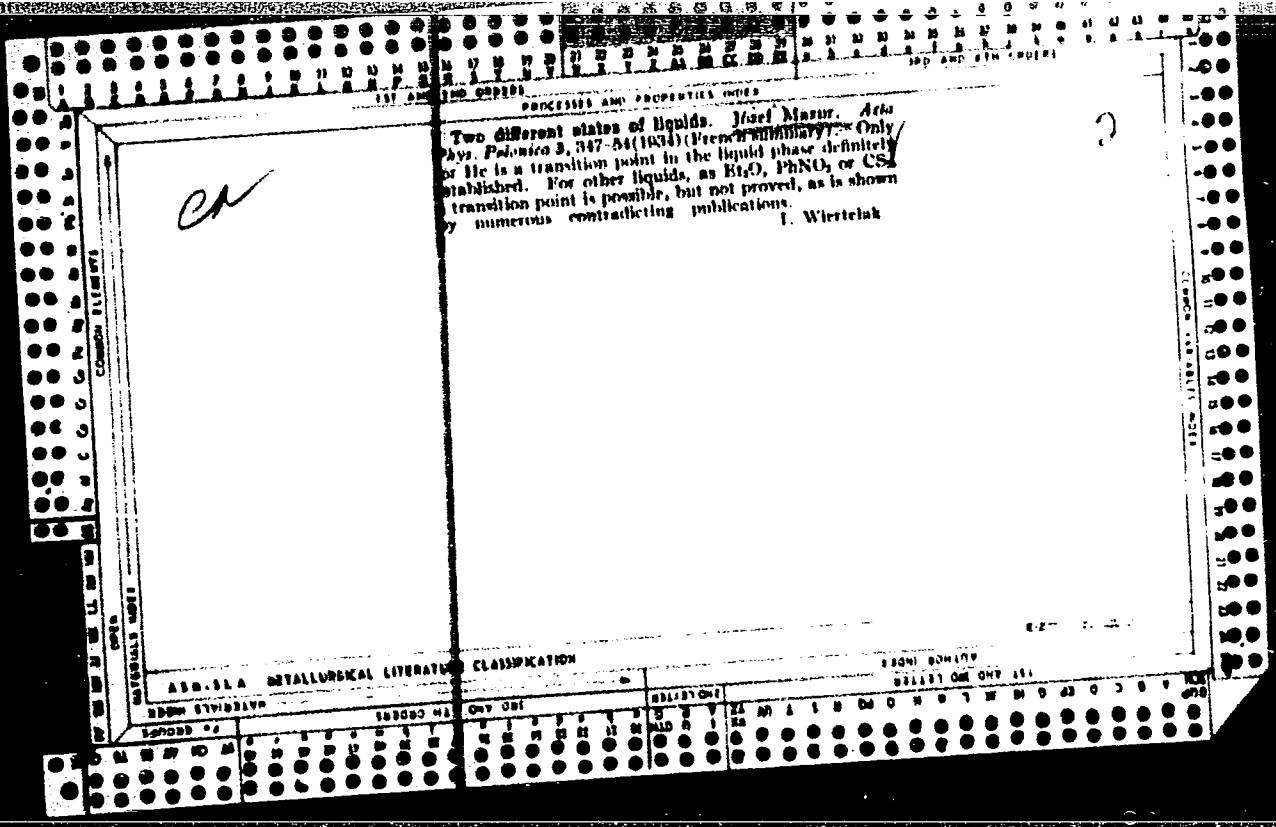
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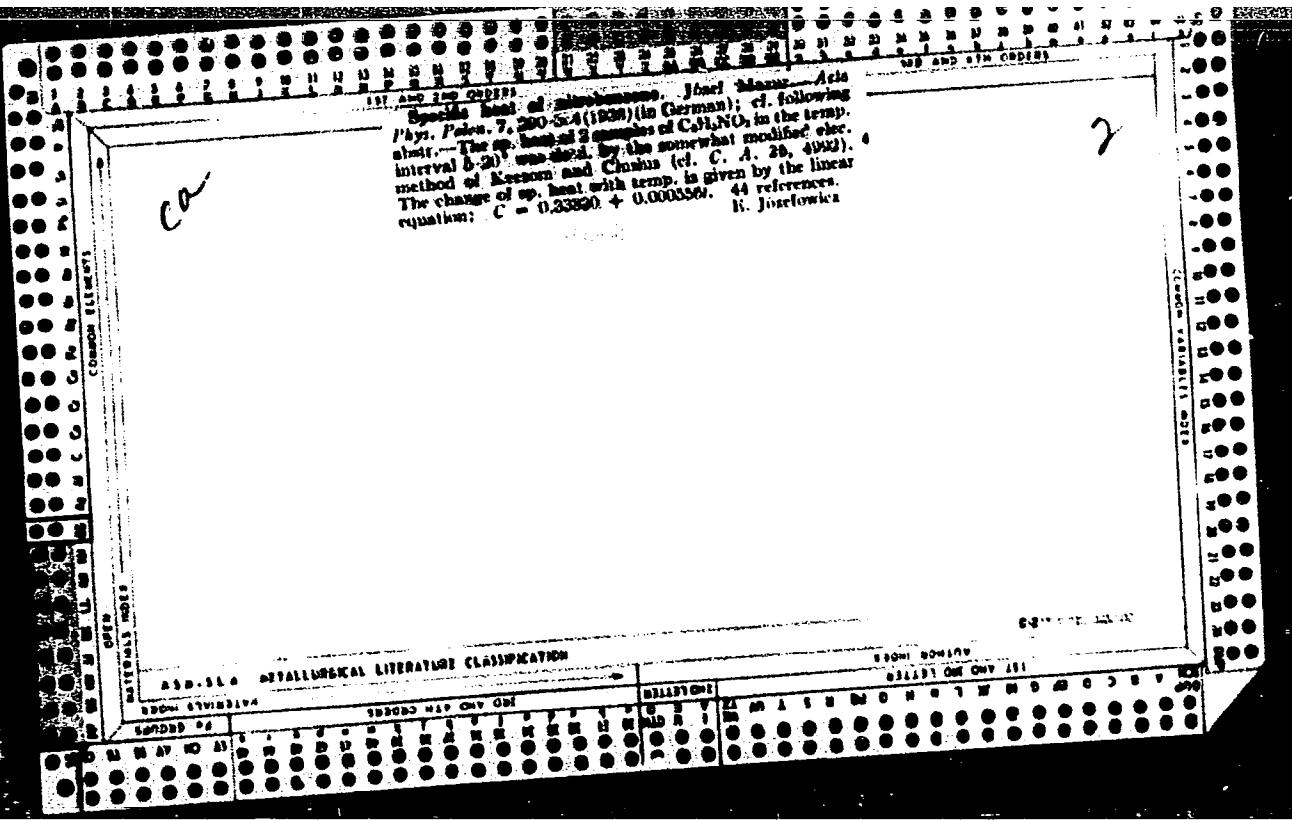
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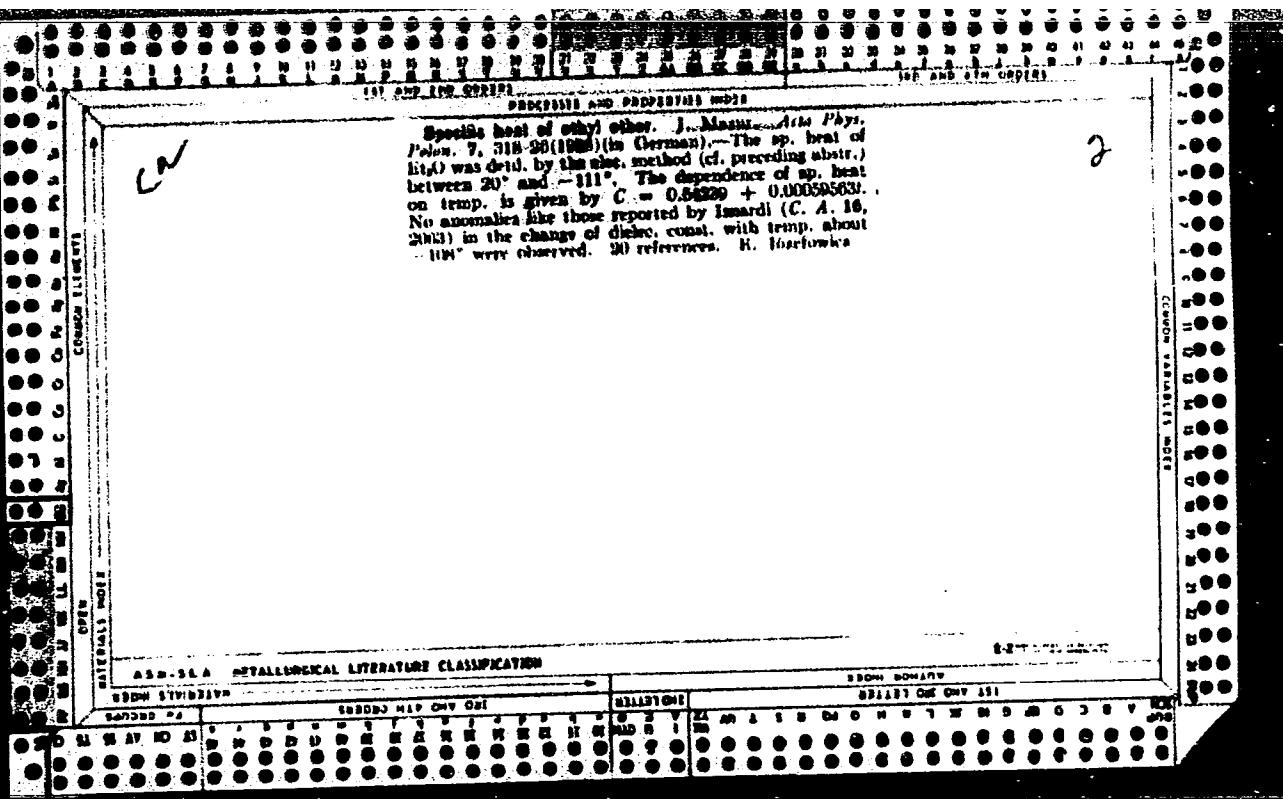


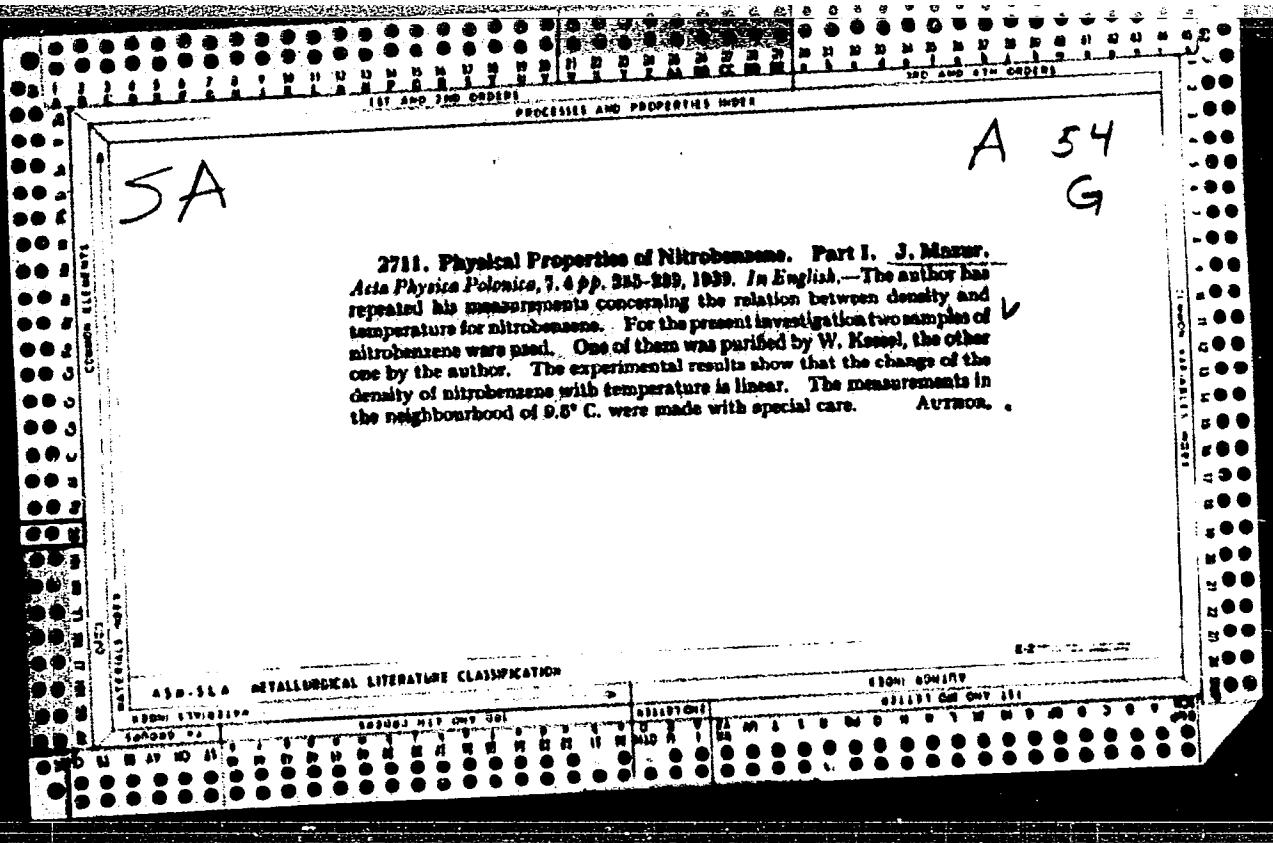
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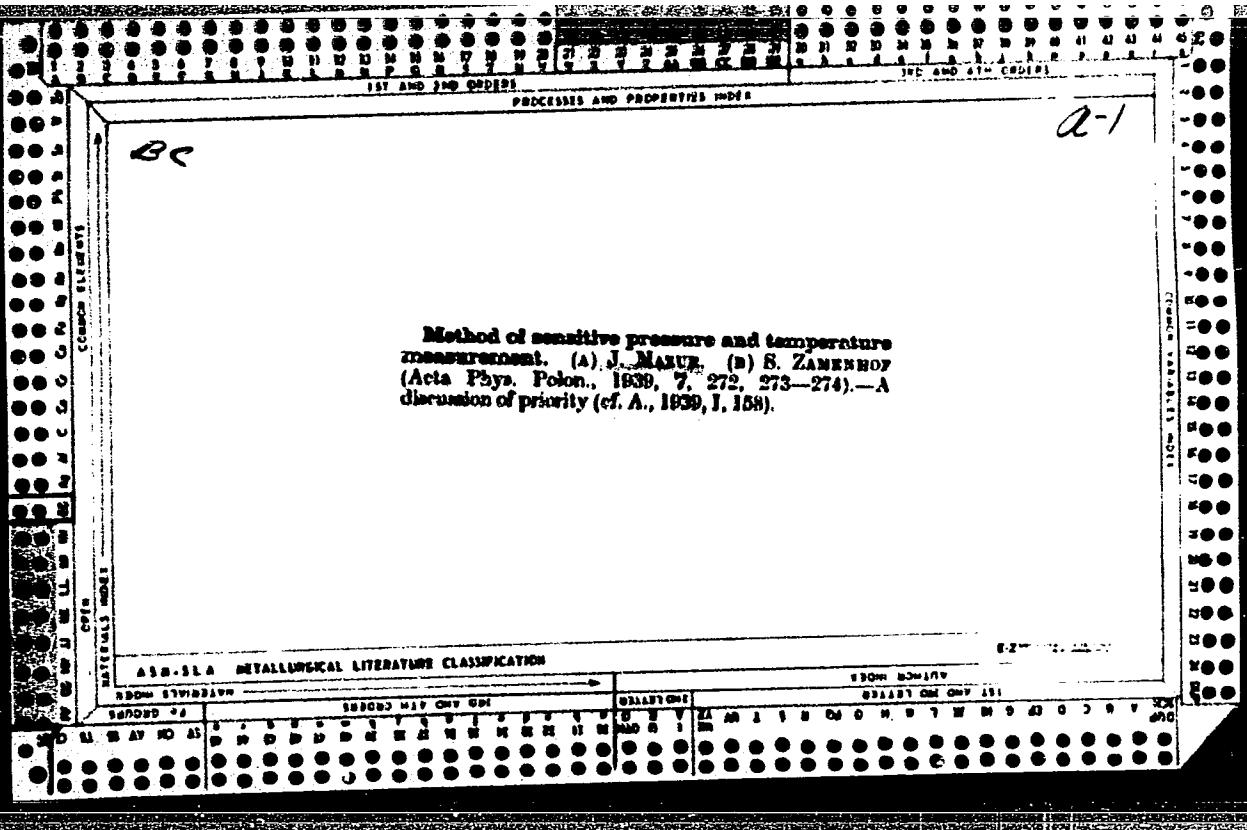
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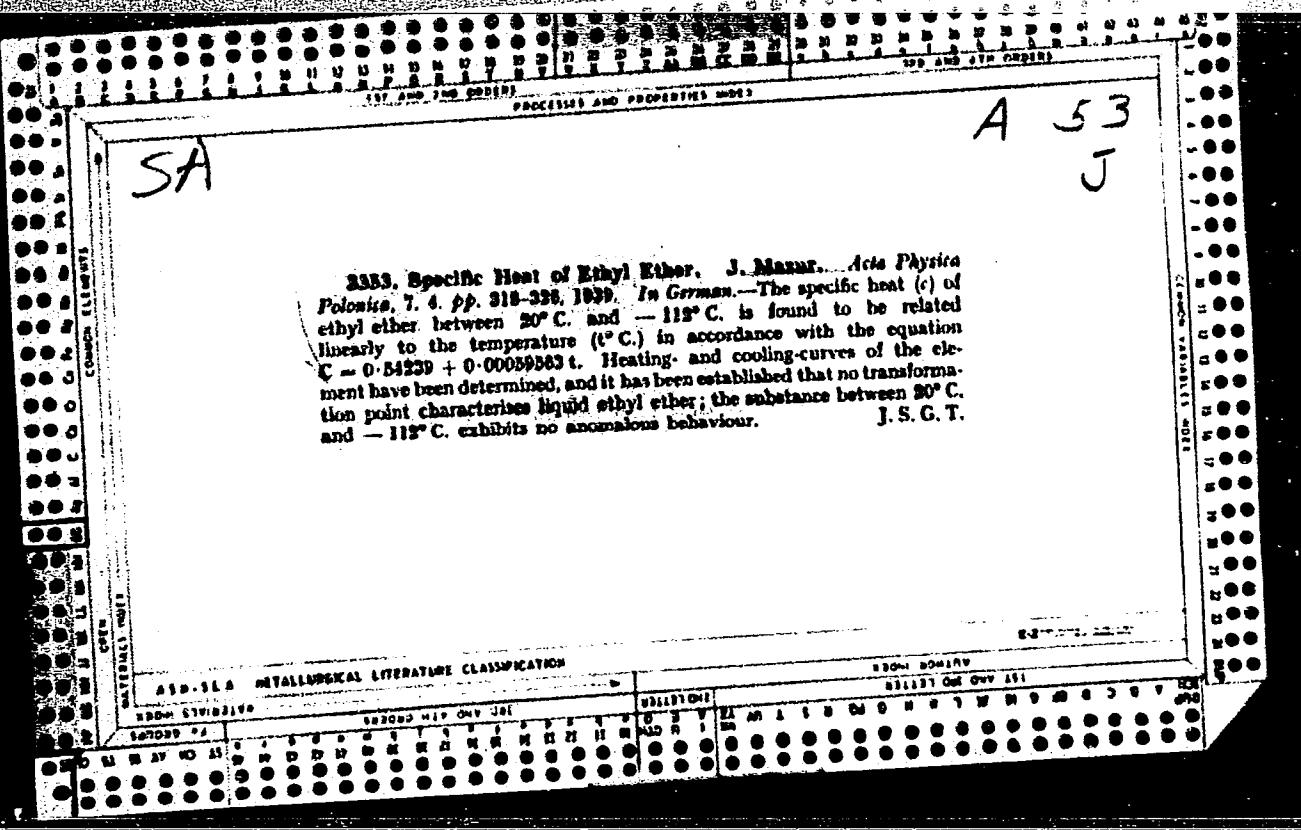












MAZUR, J.

Research on fog. p. 2.

SZKLO I CERAMIKA. (Centralne Zarzady Przemyslu Sklarskiego i Ceramicznego oraz
Stowarzyszenie Naukowo-Techniczne Inżynierow I Technikow Przemyslu Chemicznego)
Warszawa, Poland.
Vol. 10, no. 1, Apr. 1959.

Monthly list of East European Accessions (EWI) LC, Vol. 8, no. 7, July 1959.

Uncl.

MAZUR, Jozef

On the works of the low temperatures laboratory of the Institute of Physics, PAN, in Wroclaw. Postepy fizyki no.4:349-354 '60.

1. Instytut Fizyki PAN, Wroclaw.

P/045/61/020/002/003/006
B108/B209

AUTHOR: Mazur, Józef

TITLE: The first investigation of clouds over the British Isles using
an airplane

PERIODICAL: Acta Physica Polonica, v. 20, no. 2, 1961, 141-155

TEXT: The author describes a so-called aircraft impactor, a simple device for examining clouds or general air conditions either in a wind tunnel or on a plane. In order to get the required information on clouds and fogs, which is important to prevent ice formation on aircraft, the author, on behalf of the Air Ministry, Meteorological Research Committee, London, carried out investigations during world war II on all types of clouds and fog over the British Isles. The device originally consisted of a streamlined wood and metal casing for a glass plate. Air was allowed to pass through a slit provided with a system of calibrated shutters, and the cloud or fog particles impinging on the glass plate were retained by the latter. After trials of the first model in a wind tunnel and on aircraft, an improved impactor was made. The body was cut from a solid aluminum block. The slit system can be

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